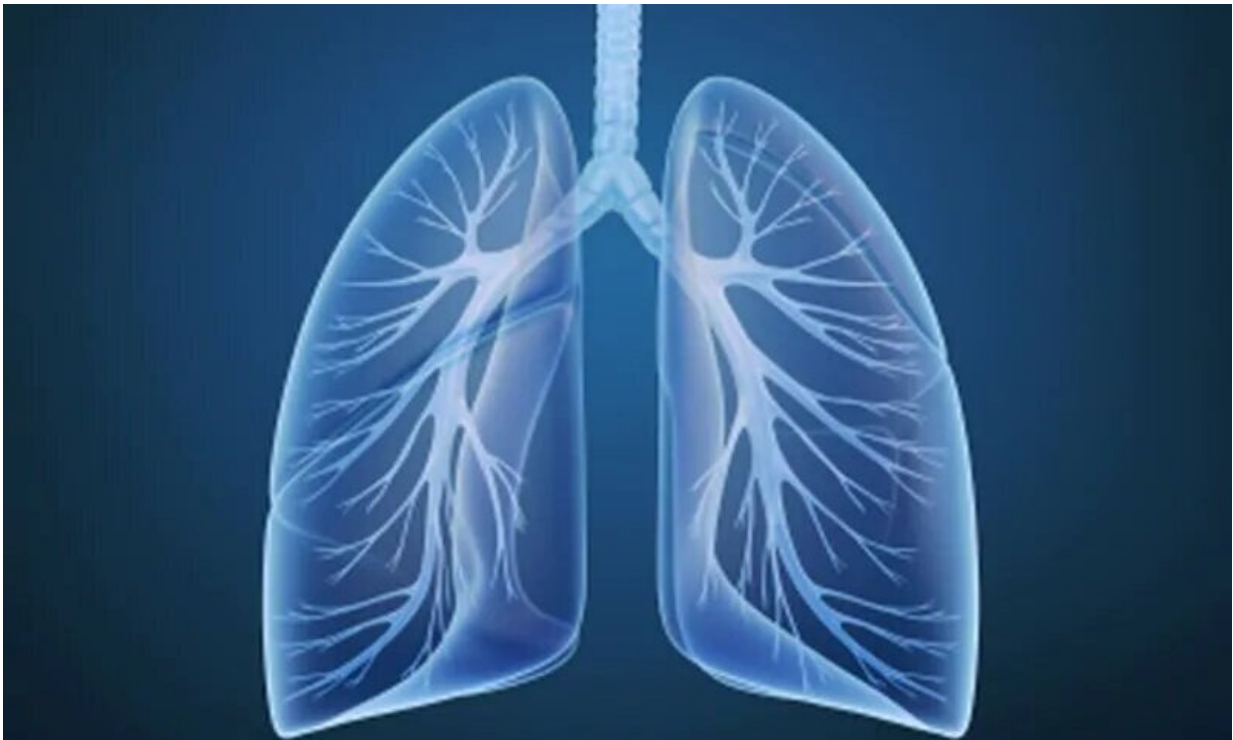


Risk for developing idiopathic pulmonary fibrosis up in IBD

September 26 2019



Patients with inflammatory bowel disease (IBD), especially male patients, have an increased risk for development of idiopathic pulmonary fibrosis (IPF), according to a study published online Aug. 16 in the *Journal of Gastroenterology and Hepatology*.

Jihye Kim, M.D., from Seoul National University College of Medicine in South Korea, and colleagues compared 38,921 IBD patients to age- and sex-matched individuals without IBD in a 1:3 ratio to examine the correlation with IPF.

The researchers found that the incidence of IPF was 33.21 per 100,000 person-years in patients with IBD during a mean follow-up of 4.9 years. Compared with non-IBD controls, the overall risk for IPF was significantly higher (hazard ratio, 1.62; 95 percent confidence interval [CI], 1.20 to 2.20; P = 0.003). In patients with Crohn disease (CD), the incidence of IPF was 26.04 per 100,000 person-years compared with 9.15 in controls (hazard ratio, 2.89; 95 percent CI, 1.46 to 5.72; P = 0.002). In patients with ulcerative colitis (UC), the incidence of IPF tended to be higher than in controls (36.66 versus 26.54 per 100,000 person-years; hazard ratio, 1.41; 95 percent CI, 0.99 to 1.99; P = 0.066). In patients with IBD, the risk for developing IPF was higher for male versus [female patients](#) (P = 0.093 in CD; P = 0.147 in UC).

"Patients with IBD should be aware of the potential risk for the development of IPF," the authors write.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

Copyright © 2019 [HealthDay](#). All rights reserved.

Citation: Risk for developing idiopathic pulmonary fibrosis up in IBD (2019, September 26) retrieved 17 May 2024 from <https://medicalxpress.com/news/2019-09-idiopathic-pulmonary-fibrosis-ibd.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.